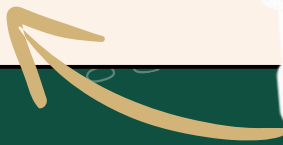


Harvard Science & Innovation Challenge



Grades 8-12



WORKSHOP OVERVIEW

Comprehensive Knowledge and Practical Skills

The Harvard Science & Innovation Challenge provides a dynamic blend of theoretical insights, practical skills, and ethical considerations. This program is designed to inspire students to develop passion projects and consider their social impact projects, fostering a deep connection between their studies and real-world applications.

Engaging Activities and Diverse Sessions

Participants will engage in a variety of interactive and hands-on activities, exploring fields such as biomedical engineering, mechanical science, and more. The curriculum emphasizes current and emerging trends in science and engineering, including advancements in neural networks and Artificial Intelligence. Our sessions aim to immerse students in both the latest innovations and future directions in these exciting disciplines.

WORKSHOP DETAILS



Students get a **Completion Certificate** from Harvard Youth Lead the Change and Big Red Education, signed by the Mentor.



Opportunity to get a **Letter of Recommendation** from the Mentor



7-9 Feb, 2025
6:30pm - 10:30pm IST



Online



Grades 8-12



INR 10,000 + GST



Deadline:
1st Feb 2025

EARLY BIRD fee: N/A

Deadline: N/A



DAY 1: INTRODUCTION AND EXPLORATION

- Icebreaker Activities and Team Formation
- Introduction to the Scientific Method and Engineering Design Process
- Innovations in Science
- Introduction to the “Science Innovation Challenge”

THE CURRICULUM





DAY 2: INNOVATION AND TEAMWORK

- Advanced Topics in Engineering
- Workshop: Scientific Research Techniques
- Ethical Considerations in Science
- Team Work: Challenge Introduction

THE CURRICULUM

DAY 3: PRESENTATION AND CELEBRATION

- Final Project Preparation
- Project Presentations
- Judging and Awards Ceremony
- Closing Remarks

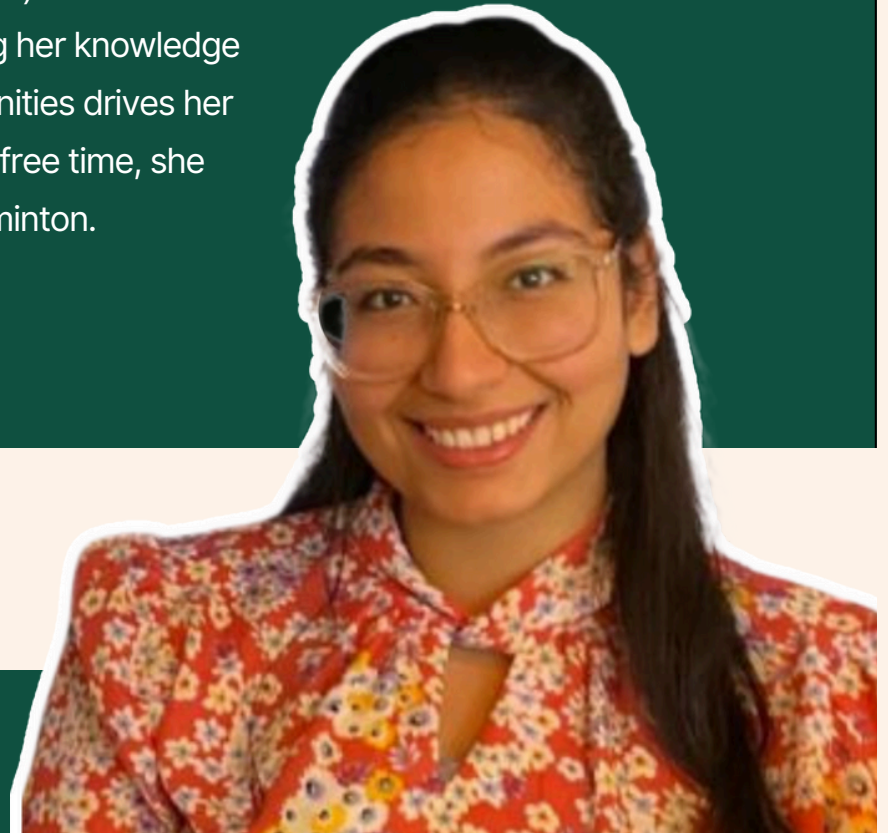
THE CURRICULUM



KNOW YOUR HARVARD MENTORS

Roaa Marei is a senior at Harvard studying Mechanical Engineering with a secondary in Social Anthropology. Residing in Pforzheimer House, she serves as Co-President of the Harvard Undergraduate Engineering Society (HUES), Assistant Director of the College Events Board (CEB), and Outreach Chair for the Aviation Insight Caucus (AIC). Passionate about mentoring, she tutors math and physics, sharing her knowledge with others. Roaa's love for engineering and the humanities drives her to make a meaningful impact in her community. In her free time, she enjoys traveling, drawing, and playing tennis and badminton.

Roaa Marie
Conc- Mechanical Engineering



Harvard Science & Innovation Challenge



Lead . Inspire . Solve . Share



Start Your Journey NOW!



www.bigrededucation.com  +91-931-045-0013

